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III. Amendments to the Claims

Claims 1-43 are pending in the present application. Claims 1, 3-6, 8, 12, 36, 41 and 43 are amended as set forth below. Claims 2, 7, 10, 11, 13, 14, 17-35 and 37-40 have been canceled. New Claims 44-51 have been added. This listing and version of the claims replaces all prior versions and listings of the claims.

1. (currently amended) A batt ~~An~~ insulation product comprising:

first and second insulation layers coupled together to form a mat batt, each insulation layer containing randomly oriented fibers bonded together by a binder, each insulation layer said mat having first and second major surfaces and a pair of side portions; and

at least one prefabricated flexible reinforcing non-woven tissue layer comprising randomly oriented glass fibers layer disposed between and bonded directly to said insulation layers bonded to said mat between said first and second major surfaces and extending along a length of said mat batt, wherein the thickness of each of said insulation layers is substantially greater than the thickness of said reinforcing layer.

2. (canceled)

3. (currently amended) The insulation product of claim 1, wherein said batt mat comprises a plurality of said flexible reinforcing non-woven tissue layers disposed between said first and second insulation layers ~~major surfaces~~ and extending along the a length of said batt mat.

4. (currently amended) The insulation product of claim 3, wherein said plurality of reinforcing non-woven tissue layers comprises at least two reinforcing layers disposed substantially parallel to said ~~first and second~~ major surface and each other.

5. (currently amended) The insulation product of claim 4, ~~wherein said at least two reinforcing layers are separated from each other by~~ further comprising a third insulation layer

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containing ~~of said~~ randomly oriented fibers bonded together by a binder, said third insulation layer being separated from said first and/or second insulation layer by at least one of said plurality of reinforcing non-woven tissue layers.

6. (original) The insulation product of claim 4, wherein said at least two reinforcing non-woven tissue layers are coupled together along respective faces, whereby said insulation product is separable at an interface of said at least two reinforcing non-woven tissue layers to form at least two insulation products.

7. (canceled)

8. (currently amended) The insulation product of claim 1, wherein said insulation ~~batt mat~~ comprises three stacked insulation layers each separated by at least one prefabricated flexible reinforcing non-woven tissue layer comprising glass fibers.

9. (original) The insulation product of claim 8, wherein each of said insulation layers has an insulated effectiveness (R-value) between about R-2 to R-38.

10-11. (canceled)

12. (currently amended) The insulation product of claim 1, wherein said batt mat is heated to cure said binder at a temperature between about 300-600°F; and

wherein said reinforcing layer comprises randomly oriented fibers having a melting temperature above about said curing temperature, said reinforcing non-woven tissue layer being bonded to said insulation layers at least in part by said binder ~~nonwoven sheet being applied to said mat before said binder is cured.~~

13-14. (canceled)

15. (original) The insulation product of claim 1, further comprising a vapor retarder facing layer disposed on at least one of said major surfaces.

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16. (original) The insulation product of claim 15, wherein said vapor retarder facing layer comprises a Kraft paper coated with a bituminous material or a polymeric facing coated with an adhesive.

17-35. (canceled)

36. (currently amended) The An insulation product of claim 1, wherein said batt has first and second major surfaces, said insulation product further comprising:

~~a mat containing randomly oriented inorganic fibers bonded by a heat cured binder, said mat having a first and second major surfaces and a pair of side portions, said mat comprising a plurality of stacked insulation layers;~~

at least one nonwoven facing comprising randomly oriented glass fibers adhered to at least one of said first and second major surfaces of said batt, and

~~at least one nonwoven sheet comprising randomly oriented glass fibers disposed between said plurality of stacked insulation layers and extending along a length of said mat.~~

37-40. (canceled)

41. (currently amended) The insulation product of claim 36, further comprising a vapor retarder facing layer disposed on at least one of said major surfaces of said batt.

42. (original) The insulation product of claim 41, wherein said vapor retarder facing layer comprises a Kraft paper coated with a bituminous material or a polymeric facing coated with an adhesive.

43. (currently amended) The insulation product of claim 36, wherein said batt ~~mat~~ has a density of less than about 2.0 pounds per cubic ~~cubit~~ foot.

44. (new) An insulation product comprising:

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first and second insulation layers coupled together to form a batt, each insulation layer containing randomly oriented fibers bonded together by a binder, each insulation layer having first and second major surfaces and a pair of side portions; and

a plurality of flexible reinforcing glass tissue layers disposed between said first and second insulation layers and extending along a length of said batt, said glass tissue reinforcing layers disposed substantially parallel to said major surfaces and each other, wherein said at least two reinforcing layers are coupled together along respective faces, whereby said insulation product is separable at an interface of said reinforcing layers to form at least two insulation products.

45. (new) The insulation product of claim 44, wherein said insulation product is separable by hand.

46. (new) The insulation product of claim 44, wherein each of said flexible reinforcing glass tissue layers has a thickness between about .0059-.0066 inches .

47. (new) The insulation product of claim 44, wherein said flexible reinforcing glass tissue layers are bonded to said insulation layers at least in part with said binder.

48. (new) The insulation product of claim 44, wherein said flexible reinforcing glass tissue layers are bonded together at said interface, said bond at said interface being weaker than a bond between said flexible reinforcing glass tissue layers and said insulation layers.

49. (new) A batt insulation product comprising:

first and second low density insulation layers coupled together to form a batt, each insulation layer containing randomly oriented glass fibers bonded together with a binder, each insulation layer having first and second major surfaces and a pair of side portions; and

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a prefabricated flexible reinforcing non-woven tissue layer comprising bonded glass fibers disposed between said insulation layers and extending along a length of said batt, said tissue layer being bonded to said insulation layers at least in part with said binder,

wherein the thickness of said insulation layers is substantially thicker than the thickness of said tissue layer, and

wherein said tissue layer has a tensile strength along said length greater than the tensile strengths of said insulation layers.

50. (new) The insulation product of claim 49, wherein the thickness of each of said insulation layers is between about 1.0-14.0 inches and the thickness of said tissue layer is less than about 10 mils.

51. (new) The insulation product of Claim 1, wherein said at least one reinforcing layer is bonded to said insulation layers at least in part with said binder.